


U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT				ATTY. DOCKET NO. 29920-200170 APPLICANT Reilly, James P., et al. FILING DATE May 9, 2006		SERIAL NO. 10/578,679  GROUP	
U.S. PATENT DOCUMENTS							
*Examiner Initial /BS/		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	6,323,482	27 Nov 2001	Clemmer & Reilly			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AL						
	AM						
	AN						
	AO						
	AP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
/BS/	AR	Barbacci, D. C., et al., "Sequence and Side-Chain Specific Photofragment (193 nm) Ions from Protonated Substance P by Matrix-Assisted Laser Desorption Ionization Time-of-Flight Mass Spectrometry," <i>J. Am. Soc. Mass Spectrom.</i> 10: 1038-1040 (1999)					
	AS	Beardsley, R. L., and Reilly, J. P., "Quantitation Using Enhanced Signal Tags: A Technique for Comparative Proteomics," <i>J. Proteome Research</i> 2:15-21 (2003)					
	AT	Beardsley, R. L., et al., "Optimization of Guanidination Procedures for MALDI Mass Mapping," <i>Anal. Chem.</i> 74, 1884-1890 (2002)					
	AU	Bowers, W. D., et al., "Fragmentation of Oligopeptide Ions Using Ultraviolet Laser Radiation and Fourier Transform Mass Spectrometry," <i>J. Am. Chem. Soc.</i> , 106: 7288-7289 (1984)					
	AV	Brecl, L. A., et al., "Cleavage N-Terminal to Proline: Analysis of a Database of Peptide Tandem Mass Spectra," <i>Anal. Chem.</i> , 75, 1963-1971 (2003)					
	AW	Cooper, H. J., et al., "Characterization of Amino Acid Side Chain Losses in Electron Capture Dissociation," <i>J. Amer Soc Mass Spectrom.</i> , 13, 241-249 (2002)					
	AX	Harrison, A. G., "The Gas-Phase Basicities and Proton Affinities of Amino Acids and Peptides," <i>Mass Spectrom Reviews</i> , 16, 201-217 (1997)					
	AY	Hunt, D. F., et al., "Protein Sequencing by Tandem Mass Spectrometry," <i>Proc. Natl. Acad. Sci. USA</i> 83, 6233-6237 (1986)					
	AZ	Hunt, D. F., et al., "Sequence Analysis of Oligopeptides by Secondary Ion/Collision Activated Dissociation Mass Spectrometry," <i>Anal. Chem.</i> , 53, No. 11, 1704-1706 (1981)					
Examiner		/Bin Shen/				Date Considered	
						10/10/2008	
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	BL						
	BM						
	BN						
	BO						
	BP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
/BS/	BR	Johnson, R. S., et al., "Collision-Induced Fragmentation of (M+H) <sup>+</sup> Ions of Peptides. Side Chain Specific Sequence Ions" <i>Int. J. Mass Spectrom Ion Processes</i> 86:137-154 (1988)					
	BS	Kaufmann, R., et al., "Sequencing of peptides in a time-of-flight mass spectrometer: evaluation of postsource decay following matrix-assisted laser desorption ionisation (MALDI)," <i>Int. J. Mass Spectrom. and Ion Proc.</i> 131: 355-385 (1994)					
	BU	Kelleher, N. L., et al., "Top Down versus Bottom Up Protein Characterization by Tandem High-Resolution Mass Spectrometry," <i>J. Am. Chem. Soc.</i> 121, No. 4, 806-812 (1999)					
	BT	Keough, T., et al., "A method for high-sensitivity peptide sequencing using postsource decay matrix-assisted laser desorption ionization mass spectrometry," <i>Proc. Natl. Acad. Sci. USA</i> 96, 7131-7136 (1999)					
	BV	Kruger, N. A., et al., "Electron capture versus energetic dissociation of protein ions," <i>Int. J. Mass Spectrom.</i> , 182/183, 1-5 (1999)					
	BW	Little, D. P., et al., "Infrared Multiphoton Dissociation Of Large Multiply Charged Ions For Biomolecule Sequencing," <i>Anal. Chem.</i> , 66, No. 18, 2809-2815 (1994)					
	BX	Martin, S. A., et al., "Photon-Induced Dissociation with a Four-Sector Tandem Mass Spectrometer," <i>J. Am. Soc. Mass. Spectrom.</i> , 1, 107-109 (1990)					
	RX	Medzihradszky, K. F., et al., "The Characteristics of Peptide Collision-Induced Dissociation Using a High-Performance MALDI-TOF/TOF Tandem Mass Spectrometer," <i>Anal. Chem.</i> , 72, 552-558 (2000)					
V	BZ	Peterson, D. L., et al., "Polarized Electronic Absorption Spectrum of Amides with Assignments of Transitions," <i>J. Am. Chem. Soc.</i> , 79, 2375-2382 (1957)					
Examiner		/Bin Shen/				Date Considered 10/10/2008	
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		Document Number	Date	Country	Class	Subclass	Translation Yes No
	CL						
	CM						
	CN						
	CO						
	CP						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)							
/BS/	CR	Preiss, J. W., et al. "Spectra of Some Amino Acids, Peptides, Nucleic Acids, and Protein in the Vacuum Ultraviolet," <i>J. Chem. Phys.</i> , 25, No. 1, 138-141 (1956)					
↓	CS	Price, W. D., et al. "Tandem Mass Spectrometry of Large Biomolecule Ions by Blackbody Infrared Radiative Dissociation," <i>Anal. Chem.</i> , 68, No. 5, 859-866 (1996)					
↓	CT	Roepstorff, P. et al., "Proposal for a Common Nomenclature for Sequence Ions in Mass Spectra of Peptides," <i>Biomed. Mass Spectrom.</i> , 11, No. 11, 601 (1984)					
↓	CU	Spengler, B., et al., "Fundamental Aspects of Postsources Decay in Matrix-Assisted Laser Desorption Mass Spectrometry. 1. Residual Gas Effects," <i>J. Phys. Chem.</i> , 96, No. 24, 9678-9684 (1992)					
↓	CV	Williams, E. R., et al., "Surface-Induced Dissociation of Peptide Ions in Fourier-Transform Mass Spectrometry," <i>J. Am. Soc. Mass Spectrom.</i> , 1, 413-416 (1990).					
↓	CW	Zimmerman, J. A., et al. "Multiphoton Ionization of Laser-Desorbed Neutral Molecules in a Fourier Transform Ion Cyclotron Resonance Mass Spectrometer," <i>Anal. Chem.</i> , 63, 361-365 (1991)					
↓	CX	Zubarev, R. A., et al., "Electron Capture Dissociation Of Multiply Charged Protein Cations. A Nonergodic Process," <i>J. Am. Chem. Soc.</i> , 120, 3265-3266 (1998)					
	CY						
	CZ						
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